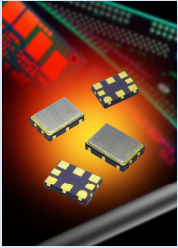


SWITCHABLE QUAD OUTPUT OSCILLATORS



Announcing the new **Switchable Quad Output QuikXO HC_JF** series oscillators, available in frequencies from 15 to 2100MHz with a choice of outputs including LVCMOS (up to 250MHz), LVPECL, LVDS and CML differential. High current steering logic (HCSL) differential outputs are available for frequencies up to 700MHz.

Frequency selection is made using two logic control pads FS0 and FS1 to provide the 4 **user selectable** frequencies with frequency select timing of 2.5ms maximum.

Integrated phase jitter performance of 150fs maximum makes these crystal oscillators particularly suitable for high frequency applications.

Package Size: 7 x 5 x 1.8 mm

Application: For applications using multiple clock oscillators on a board which are sequenced. The four chosen frequencies can all be synchronised from the single crystal oscillator instead of trying to sequence multiple clocks to achieve switching in of the various processors.

Datasheet: <http://www.euroquartz.co.uk/media/2024/quikxo-hc-jf.pdf>

GREENRAY PRECISION OCXO's AND TCXO



Euroquartz offer a range of high precision, high specification TCXO's and OCXO's from Greenray Industries.....



YH1485 – OCXO

Frequency Range: 10MHz ~ 120MHz

Acceleration Sensitivity: $\leq 3 \times 10^{-10}g$

Phase Noise: -180dBc/Hz

T1241 – TCXO

Frequency Range: 10MHz ~ 100MHz

Acceleration Sensitivity: $\leq 7 \times 10^{-11}g$

Phase Noise: -155dBc/Hz (@10kHz)

T572 – TCXO

Frequency Range: 10MHz ~ 52MHz

Acceleration Sensitivity: $\leq 0.2 \times 10^{-9}g$

Shock: 50,000g available

FUTURE EUROQUARTZ DEVELOPMENTS

Euroquartz are currently conducting a feasibility study to install a cleanroom facility to enhance our current production.

This investment would enable the company to produce a 7x5mm smd military clock oscillator to compliment the current military DIL oscillators.

The existing product would also benefit from the cleaner environment and further product development will follow.